

开发环境安装-极简版

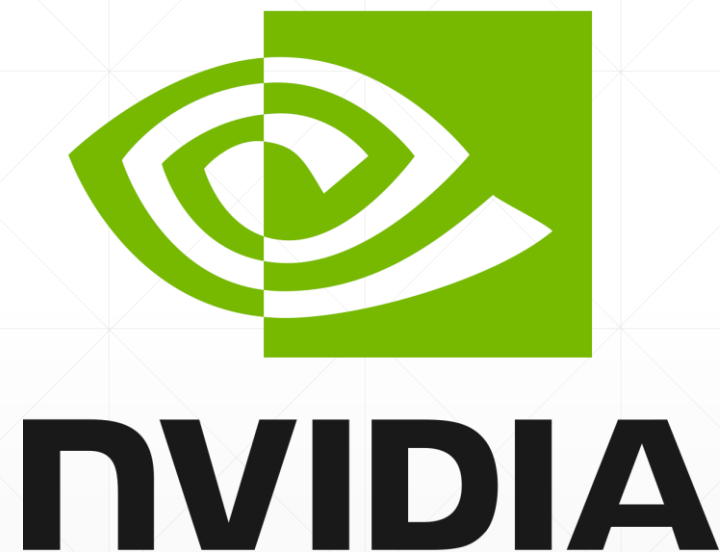
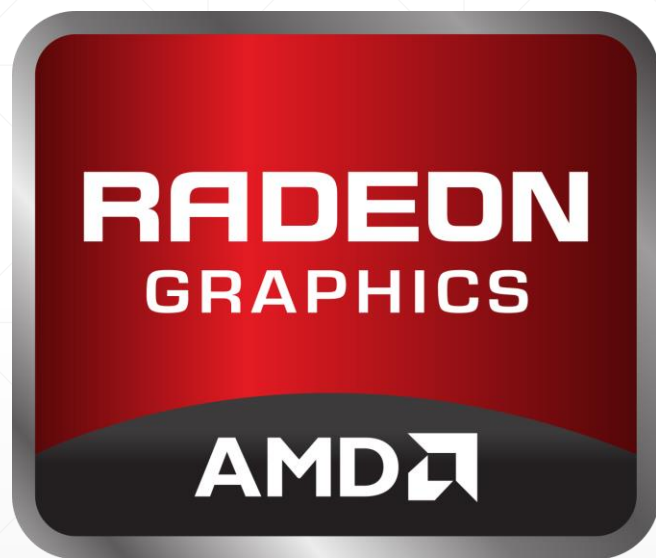
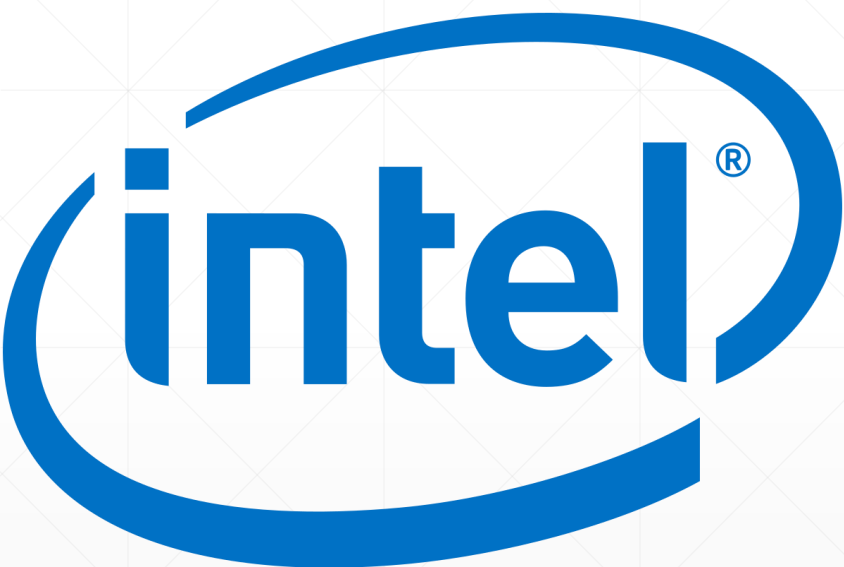
主讲人：龙良曲

Platform

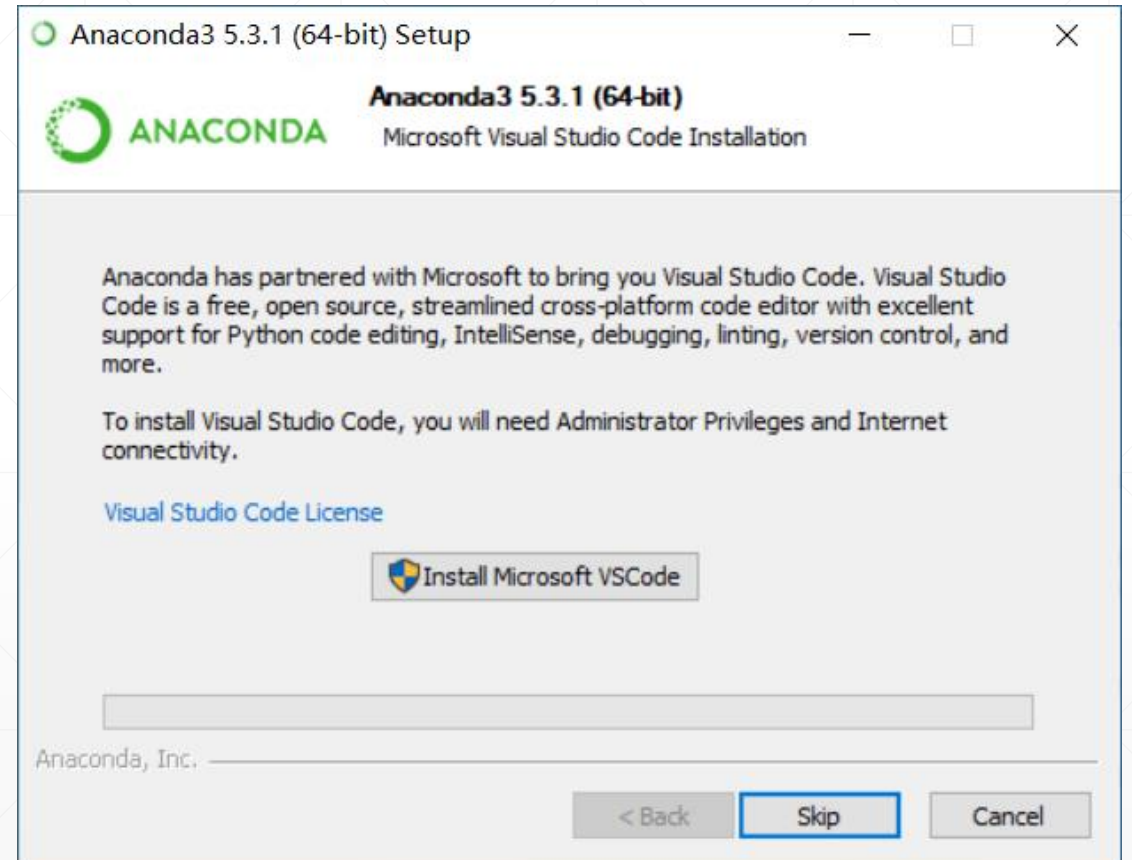
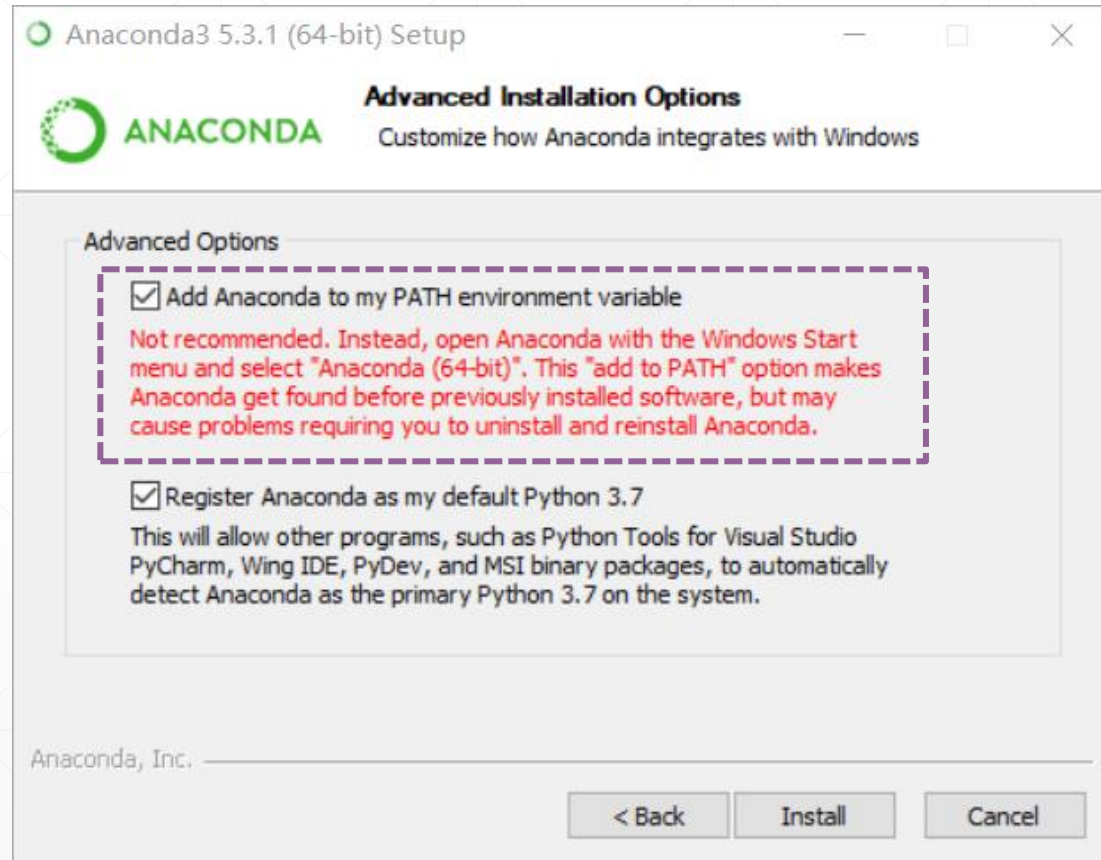
- Anaconda, Python 3.7
- TensorFlow 2.0
- PyCharm



电脑需有NVIDIA显卡



Step1.ANACONDA Python:3.7



Step1.Anaconda安装确认

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.17134.648]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\z68>conda list
# packages in environment at C:\conda:
#
# Name                        Version      Build                Channel
_ipyw_jlab_nb_ext_conf      0.1.0        py37_0
abs1-py                      0.7.0        pypi_0              pypi
alabaster                    0.7.12       py37_0
anaconda                     2018.12      py37_0
anaconda-client              1.7.2        py37_0
anaconda-navigator           1.9.6        py37_0
anaconda-project             0.8.2        py37_0
asn1crypto                   0.24.0       py37_0
astor                        0.7.1        pypi_0              pypi
astroid                      2.1.0        py37_0
astropy                      3.1          py37he774522_0
atomicwrites                 1.2.1        py37_0
attrs                        18.2.0       py37h28b3542_0
babel                        2.6.0        py37_0
backcall                     0.1.0        py37_0
backports                    1.0          py37_1
backports.os                 0.1.1        py37_0
backports.shutil_get_terminal_size 1.0.0        py37_2
beautifulsoup4               4.6.3        py37_0
bitarray                     0.8.3        py37hfa6e2cd_0
bkcharts                     0.2          py37_0
blas                         1.0          mkl
blaze                        0.11.3       py37_0
```

Step2.一键安装

1.创建虚拟环境

```
conda create -n tf2 -y
```

```
conda activate tf2
```

2.安装GPU或者CPU版本

- GPU版本

```
conda install -c anaconda tensorflow-gpu
```

- CPU版本

```
conda install -c anaconda tensorflow
```

Step2.国内加速

1. 配置国内源

- `conda config --add channels https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkg/free/`
- `conda config --add channels https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkg/main/`

2. 显示源地址

- `conda config --set show_channel_urls yes`

3. 正常安装

```
conda install -c anaconda tensorflow-gpu
```

Step3.PyCharm安装

Windows

macOS

Linux

Professional

Full-featured IDE
for Python & Web
development

DOWNLOAD

Free trial

Community

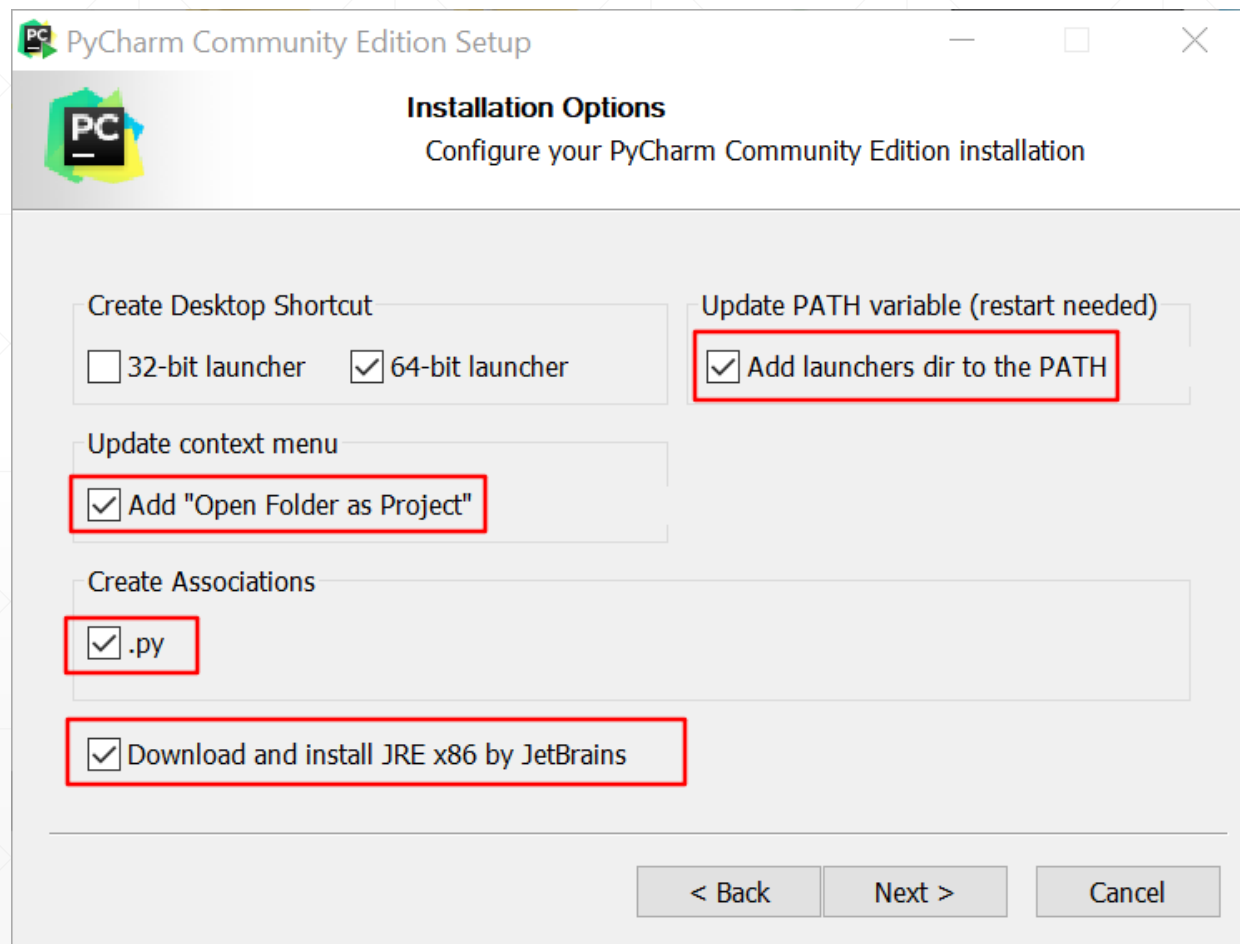
Lightweight IDE
for Python & Scientific
development

DOWNLOAD

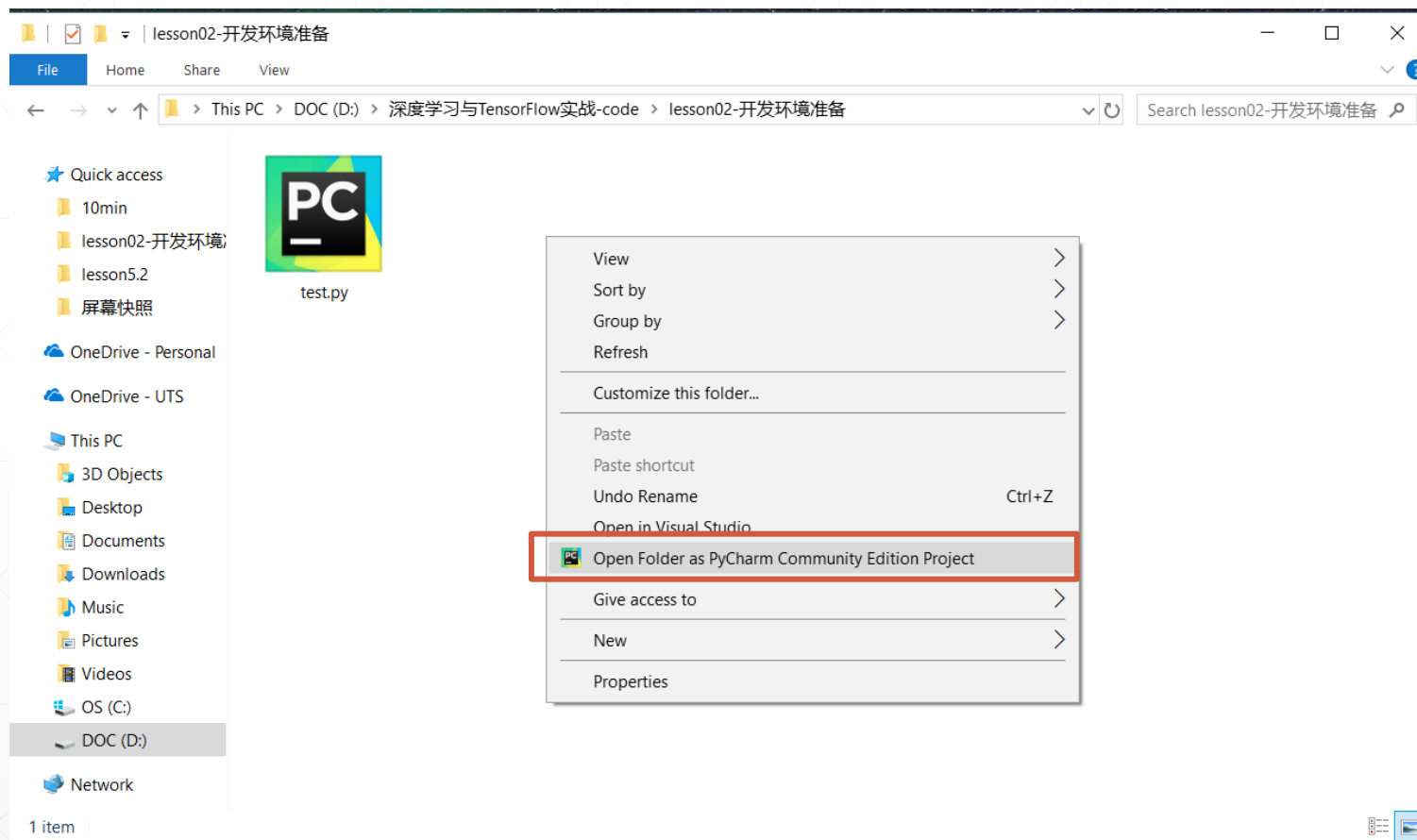
Free, open-source

Step3.PyCharm安装

- And reboot



Step3.PyCharm安装



Step3.PyCharm配置





下一课时

选看1: CUDA+cuDNN+TF标准
安装流程

选看2: Win10/Ubuntu安装全程
实录

必看: 回归问题

Thank You.
